

[Abstract]

[Summary]

5 Method for coding moving picture according to the
present invention, in a moving picture coding system using
multiple reference picture, a reference picture index of the
frame macroblock is determined at a macroblock level by
determining the reference picture index of frame unit at a
10 picture (or slice) level and respectively allocating a lower
index and a higher index to a top reference field and a
bottom reference field while sequentially visiting the
reference frames according to an order of reference picture
index of frame unit, the top and bottom field indexes being
15 giving by an equation:

 top reference field index = 2 x picture index of
reference frame; and

 bottom reference field index = 2 x picture index of
reference frame + 1.

20 Also, Method for coding moving picture according to the
present invention, in a moving picture coding system using
multiple reference picture, a reference picture index of the
frame macroblock is determined at a macroblock level by
determining the reference picture index of frame unit at a
25 picture (or slice) level and respectively allocating a lower
index and a higher index to a top reference field and a
bottom reference field while sequentially visiting the
reference frames according to an order of reference picture
index of frame unit, the top and bottom field indexes being
30 giving by an equation:

 top reference field index = 2 x picture index of
reference frame + 1; and

 bottom reference field index = 2 x picture index of
reference frame.

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[Representative Drawing]

Fig.8